SAMSUNG
ELECTRONICS

High Definition Real Time DVR

SHR-8080/8082/8160/8162
SHR-7080/7082/7160/7162

High Definition &
Easy Graphical User Interface

SAMSUNG ELECTRONICS 8Ch / 16Ch Realtime DVR

Launcher

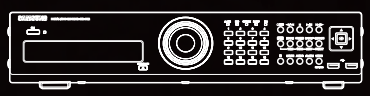
Play back

Live mode

PTZ Control

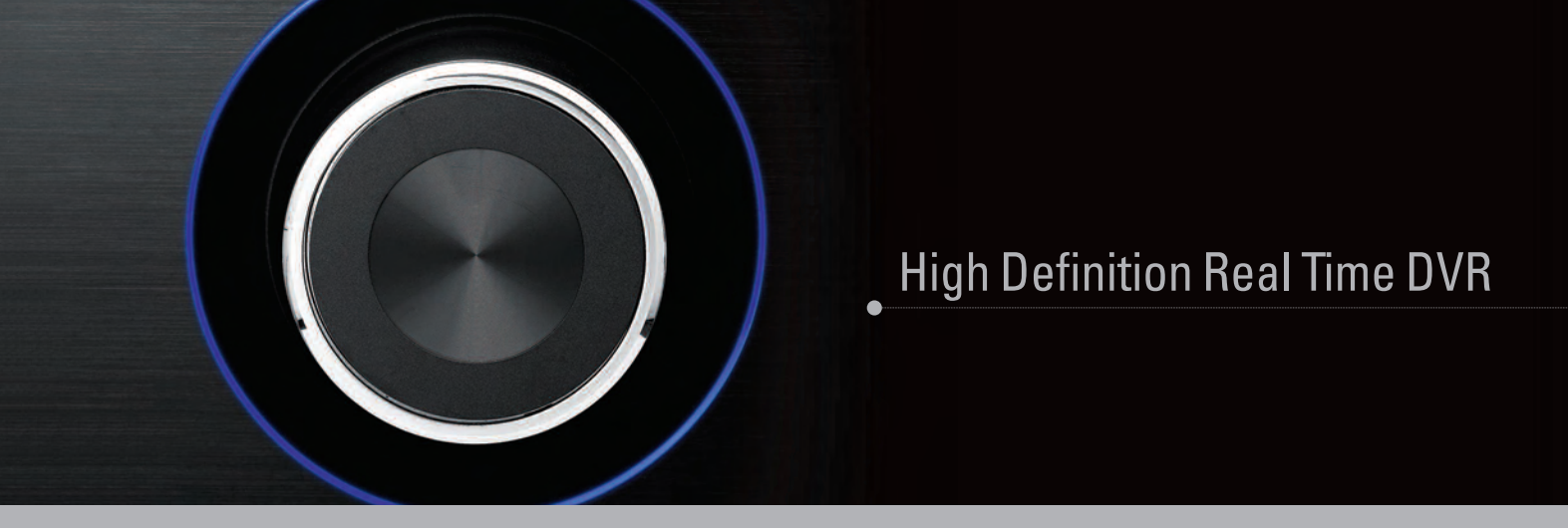
Explore outstanding features of SAMSUNG ELECTRONICS' new DVR, SHR-7/8000 series!

- High resolution of full D1 Real-time recording capability (SHR-8000 series)
- Incredible searching performance with easy-to-use User Interface
- Smooth video over the network
- Networking and integration capabilities using Samsung central monitoring system (NET-i)
- Innovative and simple design



SHR-8080/8082/8160/8162
SHR-7080/7082/7160/7162

- D1 Real-time Recording (SHR-8000 series)
- CIF Real-time recording (SHR-7000 series)
- 8Ch / 16Ch Audio Input & 1Ch Audio Output
- Main Display Capabilities : Composite, VGA, HDMI
- Programmable Spot Monitor Outputs
- Built-in Web Viewer
- SATA I/F HDD Support (Internal Max. HDDx6 / HDDx5)
- NET-i (Samsung Central Monitoring S/W) Support
- Dual Codec to enhance recording and network transmission



High Definition Real Time DVR

High Definition

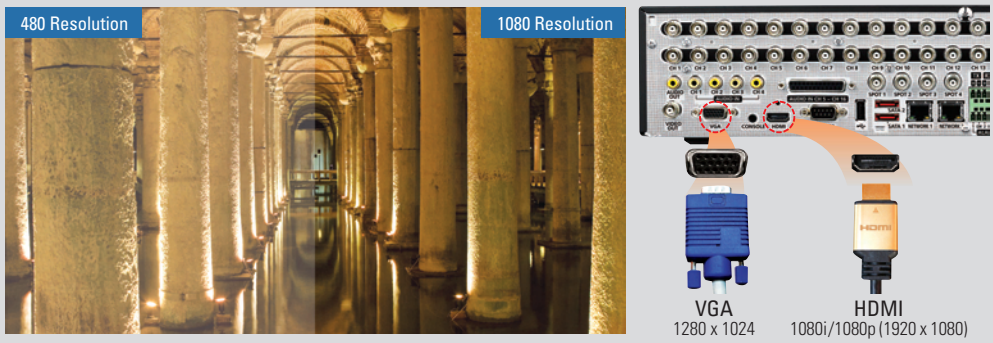
● High Definition Real Time Recording & Play back

SHR-8000 series support real-time recording and playback in full D1 resolution and SHR-7000 series support CIF quality of real time recording and playback, providing higher quality images for both live viewing and recorded video.

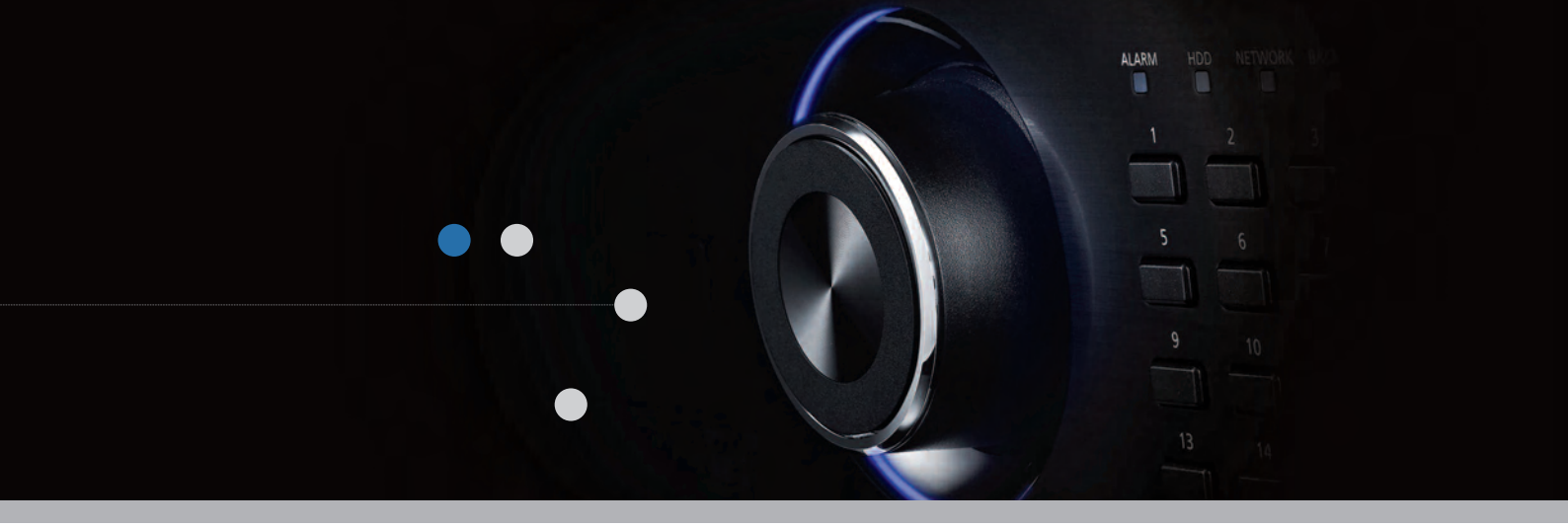
● CIF/Real Time Recording

SHR-8000 series can provide full D1 image quality and SHR-7000 series provide CIF quality of real time recording.

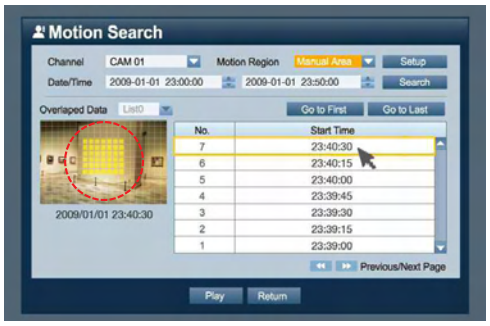
● High Definition Display (1080 Video up Scale)



SHR-7/8000 series are equipped with various video outputs-BNC/VGA/HDMI. HDMI makes user to experience high definition of 1920x1080p resolution image.

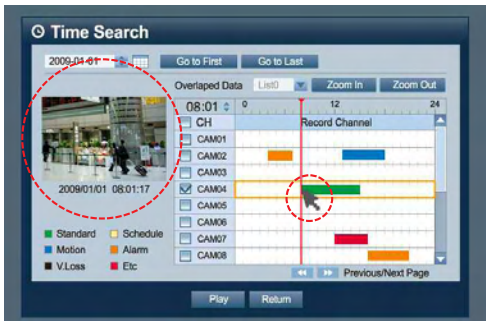


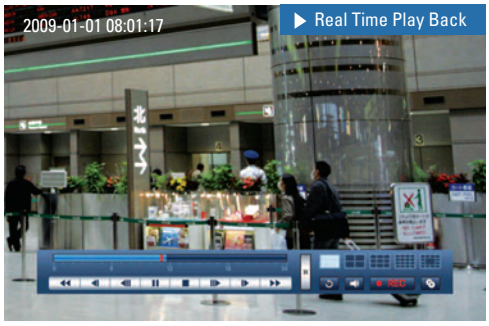
Motion Search



One hour window motion search can be easily set up by using the GUI (Graphical User Interface)
Finding out what happened to your interest area is much more convenient with Motion Search function. When user set the areas want to look up, this feature shows the changes in that areas for a given period of time.

Searching Preview





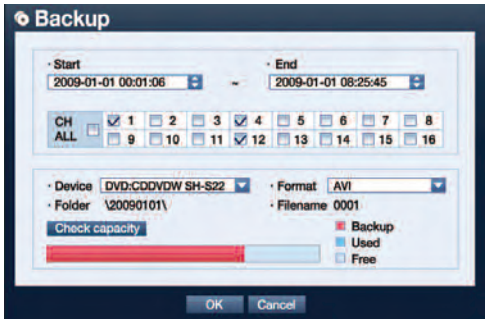
Displaying 1CH still image before Playback (All Search Mode Support)
For all search modes, SHR-7/8000 series display 1 channel still image before playback. User can easily recognize which channel to play.

Search Mode • Event • Back up • POS • Motion • Time

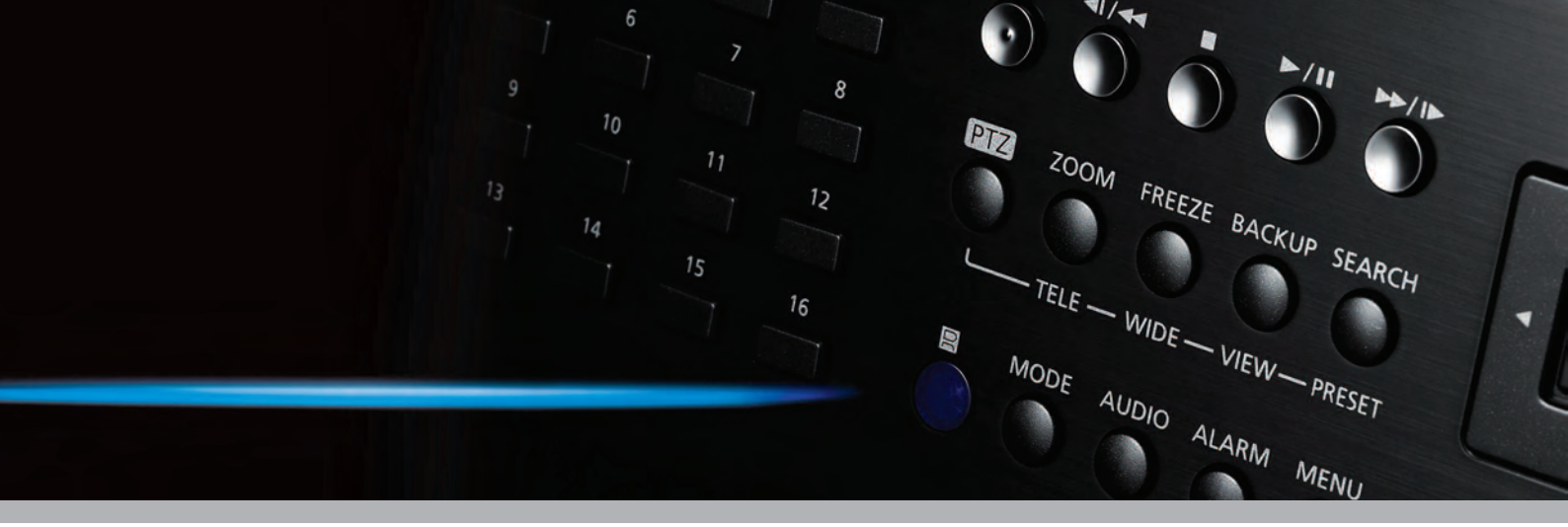
Easy play Back up during Play Back

More convenient back up is possible with SHR-7/8000 series as user can assign the starting point and the ending point, while playing back.

Easy Back up GUI



Easy-to-use Graphical User Interface (GUI) support various back up mode for each channel. User selects a back up device and start/end time, and then DVR automatically checks the capacity of the device.



Independent Recording Setting on Each Channel

❶ CIF, Half D1, D1 Resolution ❷ 480 (NTSC) / 400 (PAL) ips Record Rates
❸ 8 Level Record Quality Settings

Record setting for channel quality (resolution, record rate and quality) on each channel does not influence the settings of other channels.

Back up Log

The administer can check the time of back up, the creator of back up, the channel of back up, and the back up period.

Additional Features

● Mailing Service

Sending event information and still image (JPEG)

When motion detected or alarm occurred, DVR sends images to user's e-mail and text message when there are contingent events(change of password, HDD problem, power on/off, and video loss).

- Sending Images
  - Motion / Alarm
  - Video Loss
- Sending Text Messages
  - Normal REC Start / Stop
  - HDD Problem
  - Power On / Off

● Admin. / User Function

Administer can group users and set the user authority level for each function (Back up / Record / Search / PTZ / Shut down) easily.

• Back up • Record (stop) • Search • PTZ • Shut down

● Built In HDD Capacity

The basic HDD capacity of 500G can be extended up to five/six(depending on the model) 1TB HDDs, a maximum HDD capacity of 6TB. For SHR-7162/7082/8162/8082, up to five of 1TB HDD and for SHR-8160/7080/8160/8080, up to six of 1TB HDD can be added.

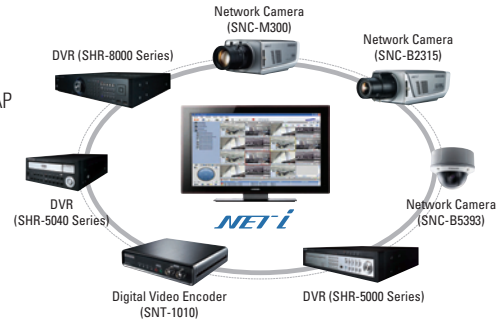
- SHR-8160/8080 : HDD x 6 (max. 6TB)
- SHR-8162/8082 : HDD x 5 (max. 5TB)

● NET-i Support

SAMSUNG Central Monitoring Soluiton

Samsung Electronics' VMS, NET-i supports SHR-7/8000 series and the whole CCTV systems. For DVRs, up to 250 DVRs can be supported by NET-i.

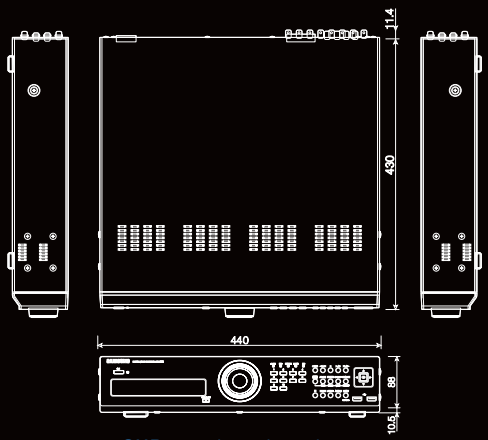
- Support max. 250 DVRs
- Live View & Play back & E-MAP
- Remote Live View & Play back
- Search On Camera /Date /Time /Alarms
- Control PTZ Cameras
- Export Clips to Local PC
- Remote Administration



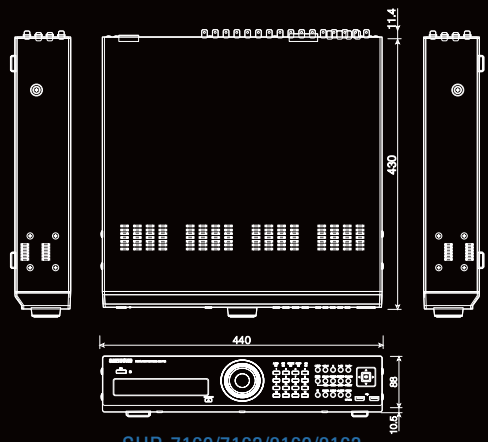
● Web Viewer

Web based Monitoring & Search

Embedded web server built in SHR-7/8000 series can provide users to monitor and control over network anytime and anywhere.



SHR-7080/7082/8080/8082



SHR-7160/7162/8160/8162

Model		SHR-8160/8162/7160/7162	SHR-8080/8082/7080/7082
System	Language	Multi language Support (16 EA)	
	System Log	●	
	Event Log	●	
	Storage Set up (capacity notification)	●	
	OS	Linux	
	Resolution	D1 ~ CIF(480/400ips) : SHR-8160/8162 CIF(480/400ips) : SHR-7160/7162	D1 ~ CIF(240/200ips) : SHR-8080/8082 CIF(240/200ips) : SHR-7080/7082
	Live/Record Rate	NTSC 480/480 ips / PAL 400/400 ips	
	Codec	MPEG-4	
	HDD	500G SATA (Basic)	
	Built In HDD Capacity	SHR-8160/8080/7160/7080 : 6EA SHR-8162/8082/7162/7082 : 5EA	
	Network Time Protocol (NTP)	●	
	Daylight Saving	● (DST)	
	Text Data Recording (For POS)	●	
	Jog Shuttle	●	
	Keyboard Controller	●	
	RS-485	●	
	Video	16	8
	Audio In/Out *	16/1 : SHR-8160/8162/7160/7162	8/1 : SHR-8080/8082/7080/7082
	Admin/user Set up (set)	● Back up/ Record(stop)/ Search/ PTZ/ Shut down	
	Mouse I/F	●	
Play back	Speed	x 2, 4, 8, 16, 32, 64	
Recording	Normal	●	
	Schedule	●	
	Event	●	
	Event REC Duration (PRE)	5, 10, 20, 30 Sec	
	Event REC Duration (POST)	5, 10, 20, 30 sec / 1, 3, 5, 10, 20 min	
	Time lapse	●	
Event Rec	Alarm	●	
	Alarm Input	16	
	Alarm Output	4	
	Alarm PRE	●	
	Alarm POST	●	
	Motion	● (3 step)	
	Video loss	●	
	Notification (E-mail)	● E-mail (Motion/Alarm/Video Loss/Power on&Off/ Normal Rec Start & Stop/HDD Problem)	
Search	Time	●	
	Event	●	
	Back up	●	
	POS	●	
	Smart (Motion)	●	
Back up	DVD / CD	●	
	USB	● (3EA)	
	Format	DVR (DVR Playback Format) /AVI /SEC (SAMSUNG Executable Back up File (SEC.EXE)	
	Device Capacity Notification	●	
Network	Simultaneous Network Connection	10 (Only one person can use Search function)	
	Netework Spec	Cable Modem, Lan , ADSL	
	Network (TCP/UDP)	●	
	Network S/W	●	
	Network CMS	●	
	Web viewer	●	
	Web viewer BACK UP	●	
	Web viewer port Set up	●	
	Web viewer P/T/Z Control	●	
	DDNS	●	
	Band width Setup	Unlimited/2/1.5/1 Mbps / 800/600/500/400/300/128 kbps	
	Firmware Update	● (Network /USB)	
	Set up flle Export/Import	●	
Camera	P/T/Z Device	Samsung/Pelco-D/Pelco-P Included 12ea	
Monitor	Dual Output (VGA/HDMI and BNC)	●	
Video Out	Composite	● (BNC 1EA)	
	Spot	● SHR-8160/8162 : 4, SHR-7160/7162 : 1	SHR-8080/8082 : 2, SHR-7080/7082 : 1
	VGA	● 800x600 (60Hz) /1024x768 (60Hz) /1280x1024 (60Hz)	
	HDMI	● 480/576p , 720p, 1080i, 1080p	

* Over 4CH Audio In function is optional

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